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INFORMATION REPORT

REPORT NO. [ ]

25X1A

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 24 July 1952

SUBJECT Development of a New-Type Reed at Tewa-Neustadt

NO. OF PAGES 1

DATE OF INFO. 25X1A

REFERENCE COPY

NO. OF ENCLS. (LISTED BELOW)

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SUPPLEMENT TO REPORT NO. 25X1X

1. Engineer Heinz Schmidt, head of the Tewa-Neustadt reed plant, has developed a new-type reed with the outstanding advantage that it can be made without soldering the band steel lamellae to the reed frames (Bundschienen). This is done by putting small pieces of lamellae band steel between the upper and lower ends of each two successive reed lamellae, in order to keep them equidistant, and by screwing all reed lamellae tightly together with the aid of four screws 25 to 30 millimeters long which are applied at the upper and lower parts of both reed ends. A reed of this type with a length of 50 centimeters was made at the Zeiss plant in Jena, under Schmidt's supervision.

2. This reed has been on trial at the Tewa-Neustadt weaving plant for the last two months, making nickel wire screen No. 231 and results have been excellent. The screen made with this reed did not have one single wide space (Gasse) and also otherwise lived up to the specifications for nickel wire screen produced for the Russians.

3. It is, however, doubtful whether the same excellent results can be obtained by reeds of this type which are longer than 50 centimeters. This is the crucial question since the nickel wire screen for the Russians must be one or one and two-tenths meters wide. Upon Schmidt's request, the Zeiss plant started at the beginning of April 1952 to make a reed of the same type with a length of one meter.

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